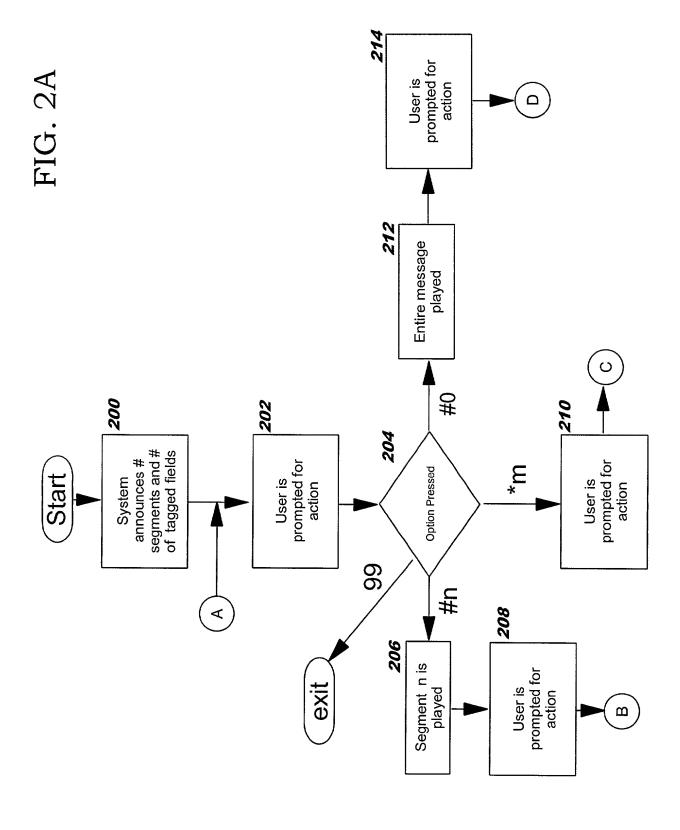
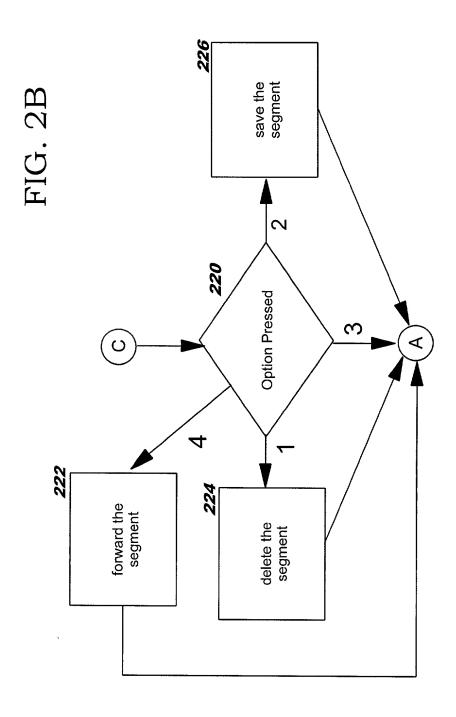
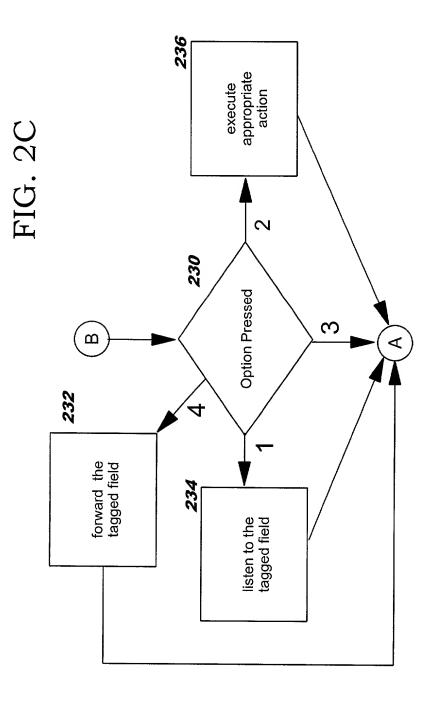
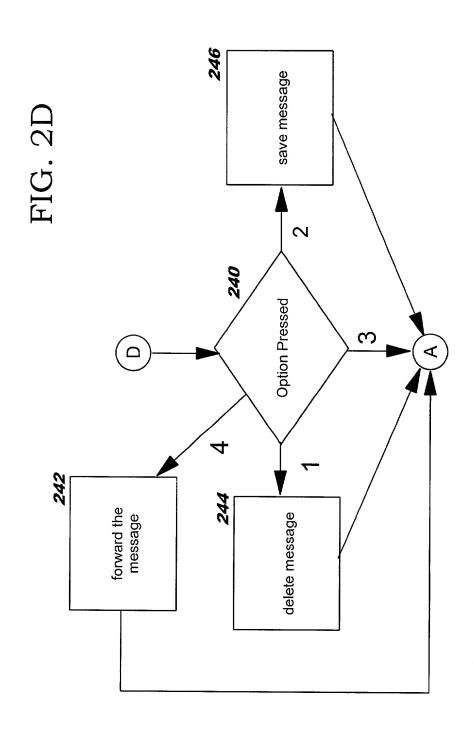
101												
Voice Mail System	Answers Phone 103	104 Message Recording starts		107 Internally identifies start of new topic		110 Internally identifies start of a phone number		113	Internally identifies start of new topic		116	Stops recording message
FIG. 1			105	begin new topic 106	cific info 108	Inte	one number 111	begin next topic 112		cific info 114		
Saller 100	Dials Number 102		Begins speaking 105	Presses * to begin	Speaks topic-specific info 108	Presses # 109	Enters/speaks phone number 111	Presses * to begin	.	Speaks topic-specific info 114	Hangs Up 115	









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To listen to the entire message, press #0.

To listen to segment n, press #n.

To access options for tagged field m, press *m. To exit, press 99.

FIG. 3A

To delete this segment, press 1

To save this segment, press 2.

To continue, press 3.

To forward this segment, press 4.

FIG. 3B

FIG. 3C

To listen to a tagged field, press 1.

To forward this message, press 4.

To delete this message, press 1.

To save this message, press 2.

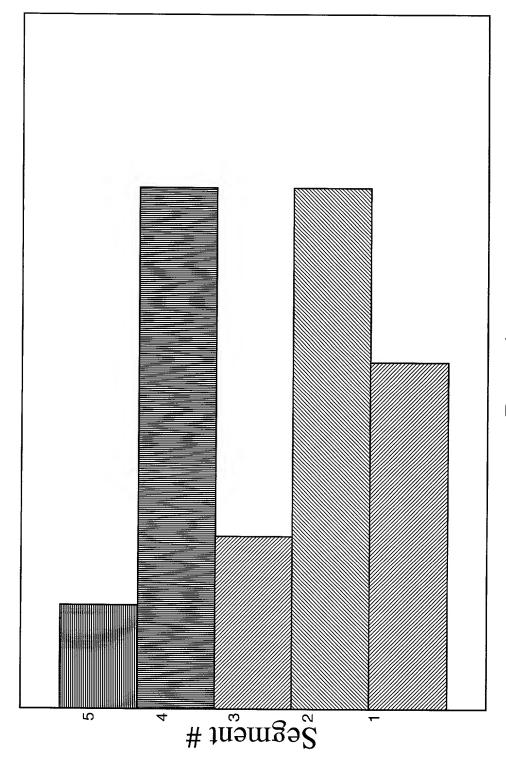
To continue, press 3.

To execute an action, press 2.

To continue, press 3.

To forward this tagged field, press 4.

FIG. 4



Duration

FIG. 5A

```
/* this could alternately be stored in this structure. */
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /* this could alternately be stored in this structure.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /* location of data for this part of the voice mail
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Struct tagged_field tagged_field_array[MAX_TAGGED_ENTRIES];
                                                                                                                                                                                                    /* phone number, email addr, url, etc.
                                                                                                                                                                                                                                   /* location of data for this tagged field
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Struct vmail_segment vmail_array[MAX_VMAIL_SEGMENTS]; 504
                                                                 /* arbitrary value */
                                  /* arbitrary value */
                           #define MAX_VMAIL_SEGMENTS 1000 #define MAX_TAGGED_ENTRIES 50
                                                                                                                                                                                                 Int tagged_field_type;
FILE *tagged_field_loc;
                                                                                                                                                                                                                                                                                                                                                                                               Struct vmail_segment 503
                                                                                                                            Struct tagged_field 502
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE *data_loc;
500
```

FIG. 5B

```
/* location of data for this segment of the voice mail
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /* this could alternately be stored in this structure.
                                                                                                                                                                                                                                                                                    /* need to know where the end of the field is
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Struct tagged_field tagged_field_array[MAX_TAGGED_ENTRIES];
                                                                                                                                                                                                                                               /* offset of the tagged field in data_loc
                                                                                                                                                                                                              /* phone number, email addr, url, etc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Struct vmail_segment vmail_array[MAX_VMAIL_SEGMENTS],514
                 #define MAX_VMAIL_SEGMENTS 1000 /* arbitrary value */
                                                      #define MAX_TAGGED_ENTRIES 50 /* arbitrary value */
                                                                                                                                                                                                                                                                                    Int tagged_field_length;
                                                                                                                                                                                                        Int tagged_field_type;
Int tagged_field_offset;
                                                                                                                                                                                                                                                                                                                                                                                                                                       Struct vmail_segment 513
                                                                                                                            Struct tagged_field 512
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE *data_loc;
510
```

FIG. 5C

520 FILE *vmail_msg; *521*

#define MAX_VMAIL_ELEMENTS 1000 /* arbitrary value */ 531

FILE *vmail_array[MAX_VMAIL_ELEMENTS];532

```
FIG. 5E
                                                                                                                                                                                                                                                                  /* this could alternately be stored in this structure. */
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /* this could alternately be stored in this structure. */
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Struct vmail_segment vmail_segment_array[MAX_VMAIL_SEGMENTS];
                                                                                                                                                                                                                                                                                                                                                                                                                                 /* location of data for this part of the voice mail
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Struct tagged_field tagged_field_array[MAX_TAGGED_ENTRIES];
                                                                                                                                                                                                  /* phone number, email addr, url, etc.
                                                                                                                                                                                                                                /* location of data for the tagged_field
                              /* arbitrary value */
                                                           #define MAX_TAGGED_ENTRIES 50 /* arbitrary value */
                          #define MAX_VMAIL_SEGMENTS 1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE *caller_phone_number;
                                                                                                                                                                                                                              FILE *tagged_field_loc;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Struct vmail_msg_struct 544
                                                                                                                                                                                               Int tagged_field_type;
                                                                                                                                                                                                                                                                                                                                                                Struct vmail_segment 543
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE *caller_name;
                                                                                                                       Struct tagged_field 542
                                                                                                                                                                                                                                                                                                                                                                                                                             FILE *data_loc;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         } vmail_msg;
540
```

FIG. 5F

```
/* arbitrary value */ 551
                                                                                                                             FILE *caller_name;
FILE *caller_phone_number;
FILE *desired_callback_time;
FILE *vmail_segment_array[MAX_VMAIL_SEGMENTS];
#define MAX_VMAIL_SEGMENTS 1000
                                                                          Struct vmail_msg_struct 552
```

RSW920000127US1

FIG. 5G

```
/* importance level associated w/each segment - default */
                                                                                                                                                                                                                                          /* location of data for this element of the voice mail
                                                                                                                                                                                                                                                                               /* this could alternately be stored in this structure.
                                                                                                                                                                                                                                                                                                                                                                                        Struct vmail_segment *vmail_array[MAX_VMAIL_ELEMENTS];563
                         /* arbitrary value */
                                                                                                                                                                                                      /* may be set to 5 (average).
                      #define MAX_VMAIL_ELEMENTS 1000
                                                                                                                                                                  INT importance_level;
                                                                                              Struct vmail_segment 562
                                                                                                                                                                                                                                         FILE *data_loc;
260
```